

Product datasheet for **MC202386**

Pbx3 (NM_016768) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pbx3 (NM_016768) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pbx3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057879 sequence for NM_016768
 GCCCGCGCGCGGGGATGGACGATCAATCCAGGATGCTGCAGACTCTGGCCGGGGTGAACCTGGCCGGC
 CACTCGGTCCAGGGGGTATGGCTCTGCCGCCTCCCCCTCACGGCCACGAAGGGGCGGACGGCGACGGCA
 GGAAGCAGGACATCGGCGACATCCTCCACCAGATCATGACCATCACCGACCAGAGCTTGGACGAGGCGCA
 AGCAAAGAAACATGCTCTGAACGTGCACAGAATGAAACCGGCGCTTTCAGCGTCTTGTGTGAGATCAA
 GAGAAAAACAGGTCTCAGCATCAGAGGAGCCAGGAGGAAGACCCTCCCGACCCCAAGTAAATGAGACTGG
 ACAATATGCTTTTGGCAGAAGGGTTCAGGTCTGAGAAAGGTGGGGGATCGGCGGCAGCAGCTGCAGC
 CGCGGCAGCCTCTGGAGGTTCTTCAGATAACTCTATTGAACACTCAGATTACAGAGCCAAATTGACCCAG
 ATCAGACAAATCTATCACACAGAACTGGAGAAATATGAACAGGCATGTAATGAATTCACAACACATGTGA
 TGAACCTTCTCCGAGAACAGAGTGAACCGCTCCCATTTCCCGAAAGAGATCGAAAGGATGGTGGGCAT
 CATCCATCGGAAATTTAGTTCCATTAGATGCAGCTCAAGCAAAGCACGTGTGAAGCAGTTATGATTTTG
 AGATCAAGGTTTCTTGTGCCAGACGGAAGGCGTAACCTCAGTAAACAGGCTACGGAAATCTTGAATG
 AATATTTTACTCACACCTCAGCAACCCCTACCCAGTGAAGAAGCCAAAGAGGAGCTGGCCAAGAAATG
 CAGCATCACAGTATCACAGGTATCCAATGGTTTGGCAACAAACGAATCAGGTACAAGAAGAACATCGGC
 AAATTTCAAGAGGAGGCCAATCTCTATGCTGCAAAAACAGCCGTGACAGCCGCACATGCAGTGGCTGCAG
 CCGTGCAGAAACACCAGACCAACTACCCACCAGCCAAACTCTGGTTCTTCTGGTTCTTTTAACCTCCC
 AAATTTCTGGGACATGTTTCATGAACATGCAGAGTCTGAATGGGGATTCTTACCAAGGGTCCCAAGTCGGA
 GCCAATGTGCAGTACAGGTGGATACCCTCCGTATGTTATCAATCAGACGGGAGGCTACAGTGACGGCC
 TTGGAGCAAACCTCACTGTACAGTCCACATAACTTAAACGCTAATGGAGGCTGGCAGGACGCAACAACTCC
 ATCTTCTGTGACTTCTCTACGGAAGGCCCGGGCAGTGTGCACTCGGATACCTCTAACTAATCCCGGGC
 CTTTCCAGCTGACATGCCTTGATAAGCGCATTGGAGCACTAGGAGAAGGAAAGCGTTTGAACCCACC
 ACCTACAGCTTTACTGTAACCCGTCTTCTTAGAGAACTCGGAAACCTGTTTTTAAAGGAATCATAATC
 ATTTGATTTAACTTAAGACACACGTTTTAAAAAGAAAGCACTTTATCCAATTAGGCCAAGATGAACAT
 TGTTGACACTTCTTAACTGTTTCATCCTAATTTATTATGGGTCTTTTACATTAATGGTTCCACAGTTGC
 CAGTTCCTTGGCCTTAAGGGTAAGAAAGTACCATCTATGCTAGACCCCAATTATAGAGCAGGCAAGGTTCA
 CCCTGCCTAAGCTGAACCCTTGGGATTCCATGCAGGCTCTCATCATCGTTCTCATATCACGGATGGGC
 TTGGAGGGAAGGCGATGTCTGCCTGTCTTCTAAGGAAGGCATTCAGGACTTCCCTTGGCATGTTTGTG
 TTGCCATCTCTTATGTTGAATTAGGTCAAAGACTGGTGGCTCCTTTCTCCCTGAAGTACCAGAGCC
 TGGAGTCTGCGCTAATGAGACCATGGATCCAGATTGCCCTAAGATGAAGATCTTGCTGCTACAGAGGTGA
 AAACAAGACCTGTCTGGGTTTGACCGTGTGCGCTAGGTGCTGCACAGACTTGCAAGGTGTGCTCTTCC
 TCTGGGACGCTGAAAGGCCCTGCTCTCTGGAGTGTGTATATAGTGTAGCAAAAGAGTATTTATACAT
 CCCACCAATCAAAACACAGCTTTATTACCTCATGCGAACTCATACAAACCAATAGAATCCCAACATGTTT
 TGTAGCTTAGAGCGCTCACTTACTACCTCTGAACAATACTCACGCTGTAGTTTGTCTCTTTCTTATCTTT
 TTTGCATCTTGAATTAACCTTTTGTTCCTTCACAAAATGTAATGTACATTGTAATCTTTTAAAAAGAA
 AACTCAGGGTTGCATTTGCAACCCTTAAAAAGCCAAGATTGGCAACATTGGGTCTGACTCTTAACACAGG
 ATCATCCAAGCTGTTGTAATACTGAGAAGCGTTTTGAATGTTCTTATCTTACTAATCCAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_016768

Insert Size: 1305 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC057879](#), [AAH57879](#)

RefSeq Size: 2465 bp

RefSeq ORF: 1305 bp

Locus ID: 18516

UniProt ID: [O35317](#)

Cytogenetics: 2 22.84 cM

Gene Summary: Transcriptional activator that binds the sequence 5'-ATCAATCAA-3'. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (a) represents the longer transcript and encodes the longer isoform (PBX3a).